Flood Control Project Maintenance Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Solano County Public Works Mellin Levee

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mellin Levee	Right	0.59	10/24/2019 10/24/2019	David Julian

LM Start	0.00	Rating **	Α	Issue No.		6	
LM End	0.00	Issue Type +	Ма	Location *		N/A	
Category	Earthen L	evee		GPS La	atitude	e/Longitude	
Calegory				Start		End	
Item		s & Maintena	nce		0		0
пеш	Manuals				0		0
DWR ID DWR_NA0012_01_s _ 2013_6							
		Comn	nent Cod	de			
		1	0				
		Inspecto	or Comm	nent			
LMA has a copy of the O&M manual on file.							

No Photos

LM Start	0.00	Rating **	Α	Issue No.		7	
LM End	0.00	Issue Type +	Ma	Location *		N/A	
Category	Catagoni Earthen Levee			GPS La	le/Longitude		
Category	alegory			Start		End	
Item		cy Supplies &			0		c
пеш	Equipmen	nt			0		c
DWR ID	DWR_NA0	012_01_s _ 201	3_7				
		Comn	nent Coc	łe			

No Photos

Inspector Comment

LMA has an adequate supply of flood fight supplies in Vacaville at the Lewis stockyard.

LM Start	0.00	Rating **	М	Issue No.		9		
LM End	0.00	Issue Type +	Ma	Location *		N/A		
Category	Earthen L	evee		GPS La	atitud	le/Longitude		
Calegory				Start		End		
Item	Flood Pre	paredness &	Training		0		0	
item					0		0	
DWR ID	DWR_NA0	012_01_s _ 201	3_9					
		Comn	nent Coo	le				
	Inspector Comment							
	LMA contracts with Solano County Channel Maintenance for flood fight. LMA will check when they last trained.							

No Photos

* Location

WS: Water Side

LS: Land Side N/A: Not Applicable

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En: Enforcement

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Unit No. 01 Mellin Levee	Right	0.59	10/24/2019 10/24/2019	David Julian

LM Start	0.00	Rating **	М	Issue No.		10	
LM End	0.34	Issue Type +	Ma	Location *	WS		
Category	evee	GPS Latitude/Longitude					
Calegory	egory			Start		End	
Item	Slope Stability			38.1740	67°	38.177508°	
пеш				-121.6742	71 °	-121.678675°	
DWR ID DWR_NA0012_01_s _ 2019_10							
Comment Code							

S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.

Inspector Comment

Repair instabilities caused by cattle walking on the waterside slope.



View of slope instabilities caused by cows on the waterside slope (Spring 2019).

LM Start	0.00	Rating **	М	Issue No.		2	
LM End	0.59	Issue Type +	Ма	Location *		WS	
Catagonia Earthen Levee				GPS Latitude/Longitude			
Calegory	Category			Start		End	
Item	Vegetation			38.1740	75°	38.180015°	
item				-121.6742	80°	-121.681922 °	
DWR ID DWR_NA0012_01_f _ 2019_2							

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : FA_2019_NA0012_258_2_20191025_00005.jpg



View looking downstream at vegetation on the waterside slope (Fall 2019).

LM Start	0.13	Rating **	U	Issue No.		11	
LM End	0.13	Issue Type +	Ма	Location *		WS	
Earthen Levee				GPS Latitude/Longitude			
Calegory	Category					End	
Item	Slope Stability			38.1753	55°	38.175355°	
пеш				-121.6758	33°	-121.675833°	
DWR ID DWR_NA0012_01_f _ 2018_11							

Comment Code

S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.

Inspector Comment

Cows are digging into the waterside toe.

Photo 1 of 1: FA_2019_NA0012_258_11_20190826_00004.jpg



View of erosion into waterside toe (October 2018).

*Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

** Rating

A : Acceptable N : Not Inspected/Rated M : Maintenance Deficiancy

M : Minimally Acceptable C : Corrected Ob : Design & System Obsolescence

U : Unacceptable A/W : Acceptable but Monitor & Maintain En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mellin Levee	Right	0.59	10/24/2019 10/24/2019	David Julian

LM Start	0.30	Rating **	М	Issue No.		1
LM End	0.35	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Calegory				Start		End
Item	Vegetatio	n		38.1770	67°	38.177632°
пеш				-121.678112°		-121.678840 °
DWR ID DWR_NA0012_01_f _ 2019_1						
		Comn	nent Cod	de		
V1 : Control annual grass and weeds on the levee slopes and easements.						
		Inspecto	or Comm	nent		



View looking downslope at vegetation on the landside slope (Fall 2019).

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy

Ob : Design & System Obsolescence
En : Enforcement